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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/011,015 Confirmation No. 1499  
 Applicant(s) : Lanny D. Schmidt et al.  
 Filed : December 5, 2001  
 TC/A.U. : 1754  
 Examiner : Cam N. Nguyen  
 Title : AUTOTHERMAL PROCESS FOR THE PRODUCTION OF  
           OLEFINS  
 Docket No. : 44149A  
 Customer No. : 00109

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*August 2, 2004*

DATE OF SIGNATURE

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

RESPONSE A

Responsive to the Official Action dated June 15, 2004, please amend the specification and claims as detailed hereinafter and reconsider the claims in view of the arguments presented hereinafter.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are not made in this paper.

**Amendments to the Drawings** are not made in this paper.

**Remarks/Arguments** begin on page 3 of this paper.